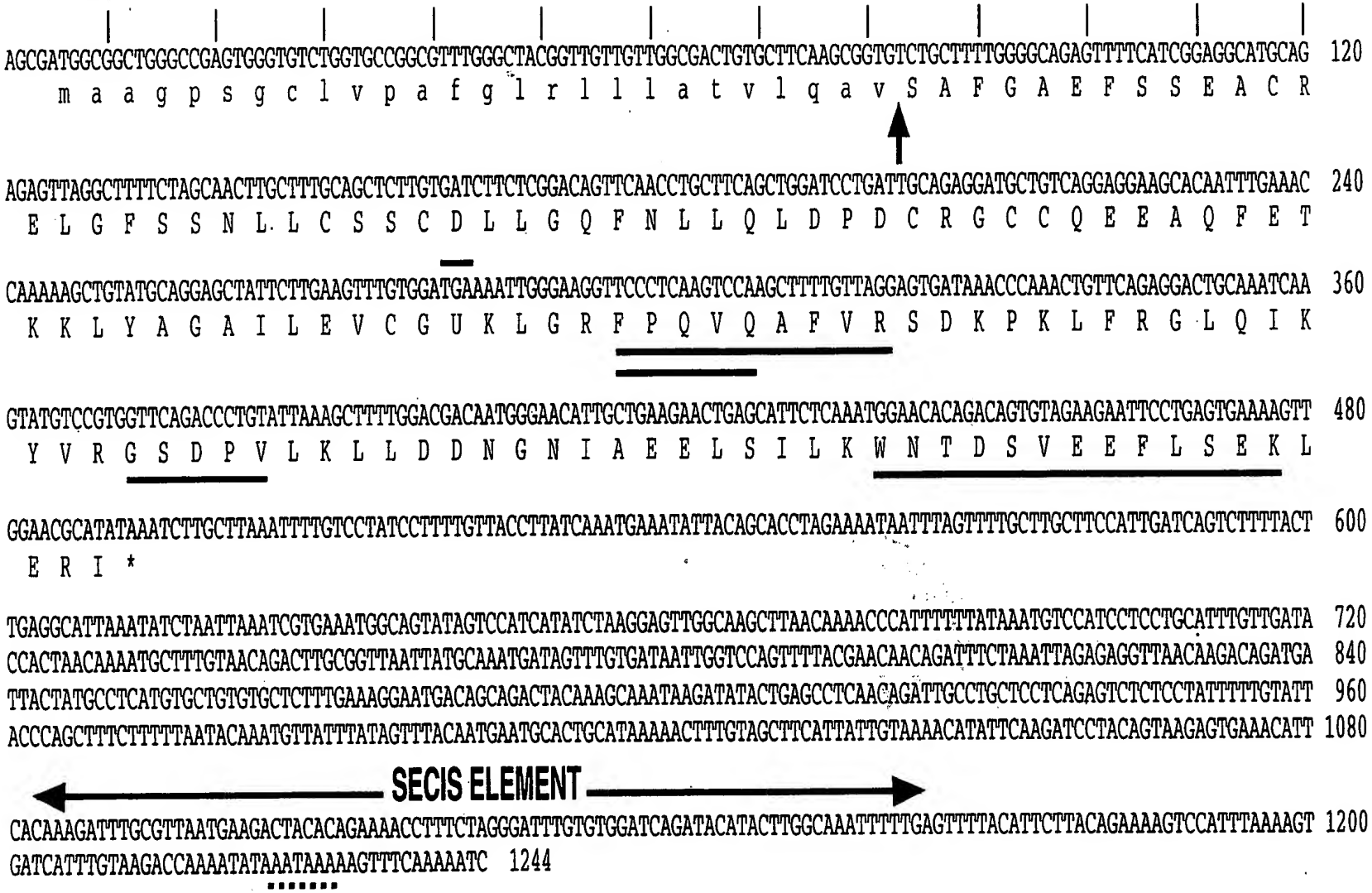
FIG. 1


AGCGATGGCGGCTGGGCCGAGTGGGTGTCTGGTGCCGGCGTTTGGGCTACGGTTGTTGTTGGCGACTGTGCTTCAAGCGGTGTCTGCTTTTGGGGCAGAGTTTTCATCGGAGGCATGCAG 120
m a a g p s g c l v p a f g l r l l l a t v l q a v S A F G A E F S S E A C R
AGAGTTAGGCTTTTCTAGCAACTTGCTTTGCAGCTCTTGTGATCTTCTCGGACAGTTCAACCTGCTTCAGCTGGATCCTGATTGCAGAGGATGCTGTCAGGAGGAAGCACAATTTGAAAC 240
E L G F S S N L L C S S C D L L G Q F N L L Q L D P D C R G C C Q E E A Q F E T
CAAAAAGCTGTATGCAGGAGCTATTCTTGAAGTTTGTGGATGAAAATTGGGAAGGTTCCCTCAAGTCCAAGCTTTTGTTAGGAGTGATAAACCCAAACTGTTCAGAGGACTGCAAATCAA 360
K K L Y A G A I L E V C G U K L G R F P Q V Q A F V R S D K P K L F R G L Q I K
GTATGTCCGTGGTTCAGACCCTGTATTAAAGCTTTTGGACGACAATGGGAACATTGCTGAAGAACTGAGCATTCTCAAATGGAACACAGACAGTGTAGAAGAATTCCTGAGTGAAAAGTT 480
Y V R G S D P V L K L L D D N G N I A E E L S I L K W N T D S V E E F L S E K L
GGAACGCATATAAATCTTGCTTAAATTTTGTCCTATCCTTTTGTTACCTTATCAAATGAAATATTACAGCACCTAGAAAATAATTTAGTTTTGCTTGCTTCCATTGATCAGTCTTTTACT 600
E R I *
TGAGGCATTAAATATCTAATTAAATCGTGAAATGGCAGTATAGTCCATCATATCTAAGGAGTTGGCAAGCTTAACAAAACCCATTTTTTATAAATGTCCATCCTCCTGCATTTGTTGATA 720
CCACTAACAAAATGCTTTGTAACAGACTTGCGGTTAATTATGCAAATGATAGTTTGTGATAATTGGTCCAGTTTTACGAACAACAGATTTCTAAATTAGAGAGGTTAACAAGACAGATGA 840
TTACTATGCCTCATGTGCTGTGTGCTCTTTGAAAGGAATGACAGCAGACTACAAAGCAAATAAGATATACTGAGCCTCAACAGATTGCCTGCTCCTCAGAGTCTCTCCTATTTTTGTATT 960
ACCCAGCTTTCTTTTTAATACAAATGTTATTTATAGTTTACAATGAATGCACTGCATAAAAACTTTGTAGCTTCATTATTGTAAAACATATTCAAGATCCTACAGTAAGAGTGAAACATT 1080
SECIS ELEMENT
CACAAAGATTTGCGTTAATGAAGACTACACAGAAAACCTTTCTAGGGATTTGTGTGGATCAGATACATACTTGGCAAATTTTTGAGTTTTACATTCTTACAGAAAAGTCCATTTAAAAGT 1200
GATCATTTGTAAGACCAAAATATAAATAAAAAGTTTCAAAAATC 1244

008260 EP 0 392 960

FIG. 2

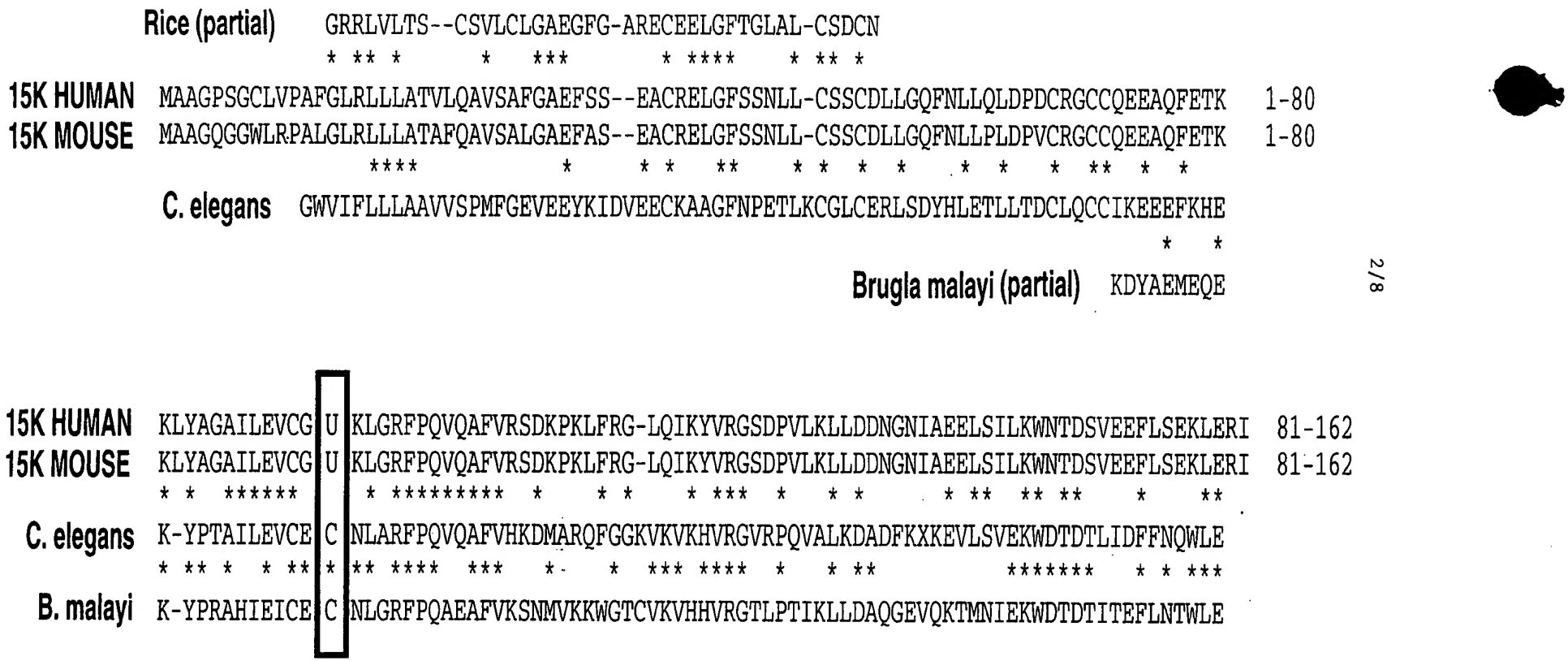
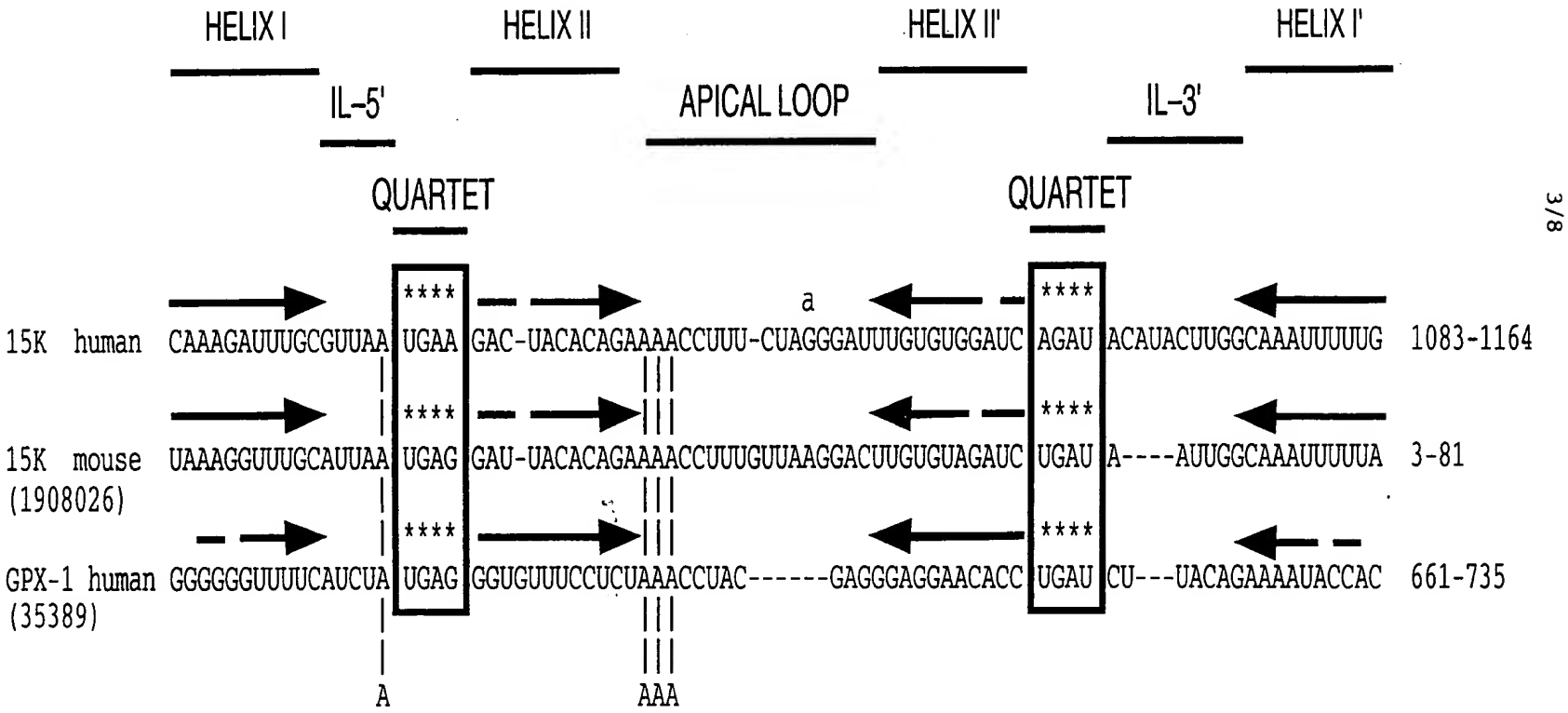


FIG. 3B


HELIX I
HELIX II
HELIX II'
HELIX I'
IL-5'
APICAL LOOP
IL-3'
QUARTET
QUARTET
15K human CAAAGAUUUGCGUUAA UGAA GAC-UACACAGAAAACCUUU-CUAGGGAUUUGUGUGGAUC AGAU ACAUACUUGGCAAAUUUUUG 1083-1164
15K mouse (1908026) UAAAGGUUUGCAUUAA UGAG GAU-UACACAGAAAACCUUUGUUAAGGACUUGUGUAGAUC UGAU A----AUUGGCAAAUUUUUA 3-81
GPX-1 human (35389) GGGGGGUUUUCAUCUA UGAG GGUGUUUCCUCUAAACCUAC------GAGGGAGGAACACC UGAU CU---UACAGAAAAUACCAC 661-735
A
AAA

003260" BT/98/960

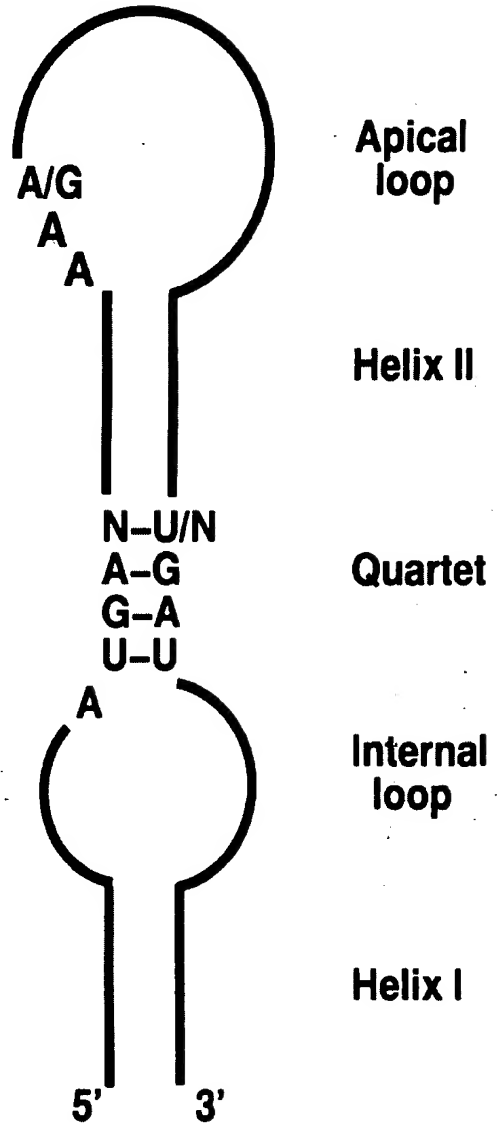



FIG. 3A

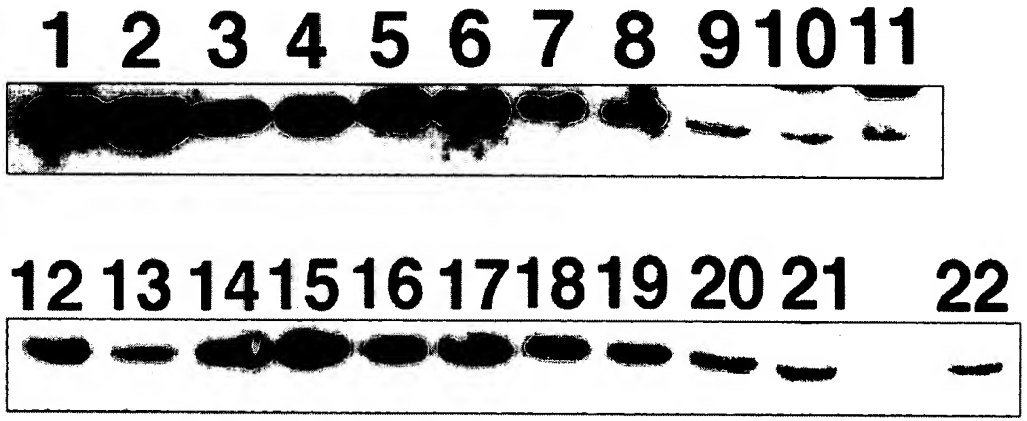



FIG. 4

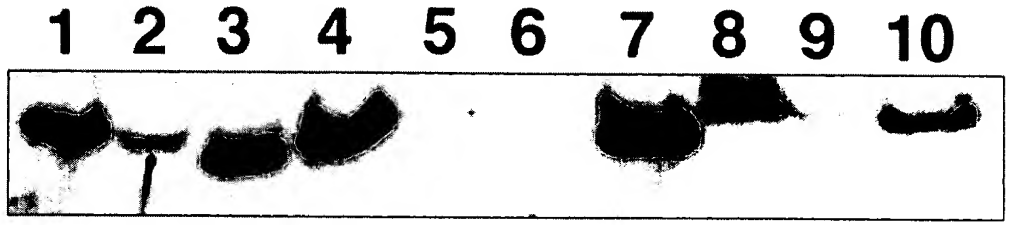
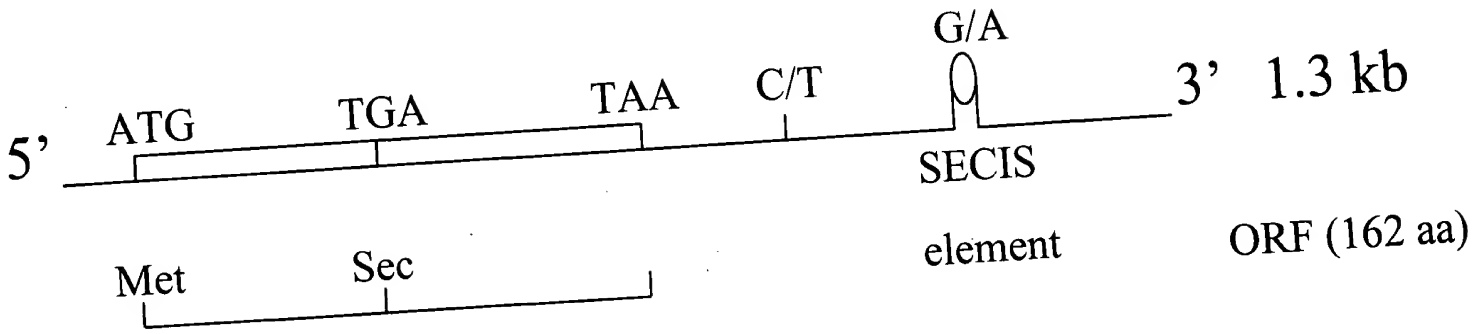



FIG. 5

00326D 8T/9Z/96U

FIG. 6



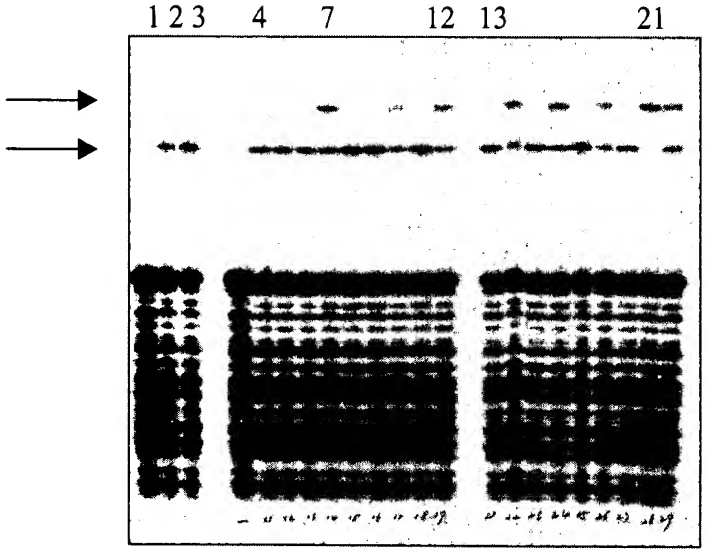



FIG. 7A

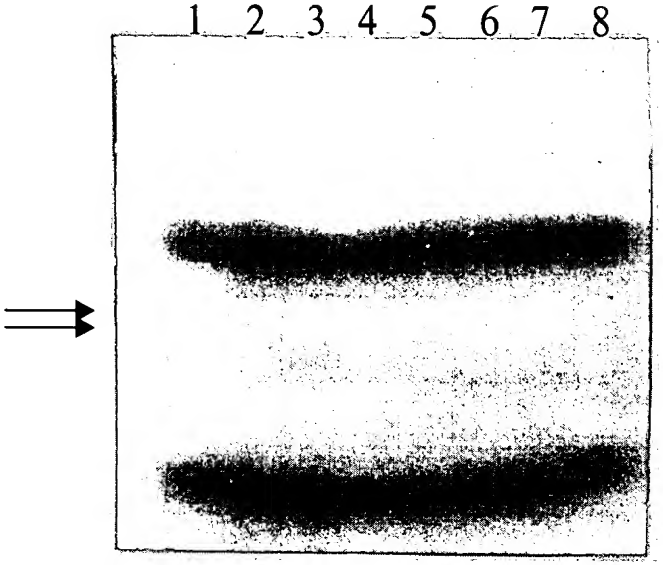



FIG. 7B

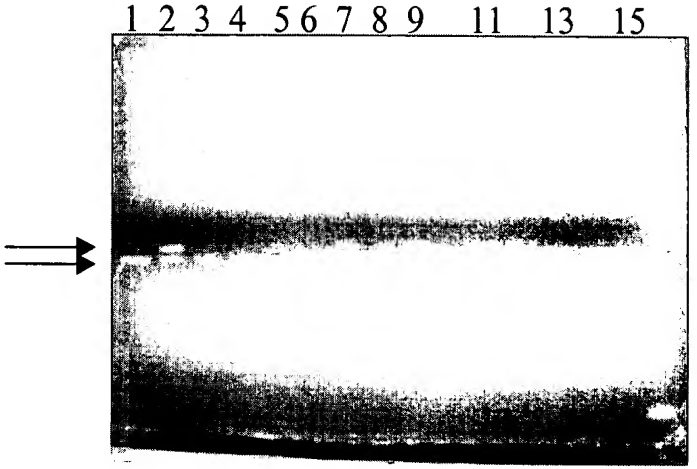



FIG. 7C

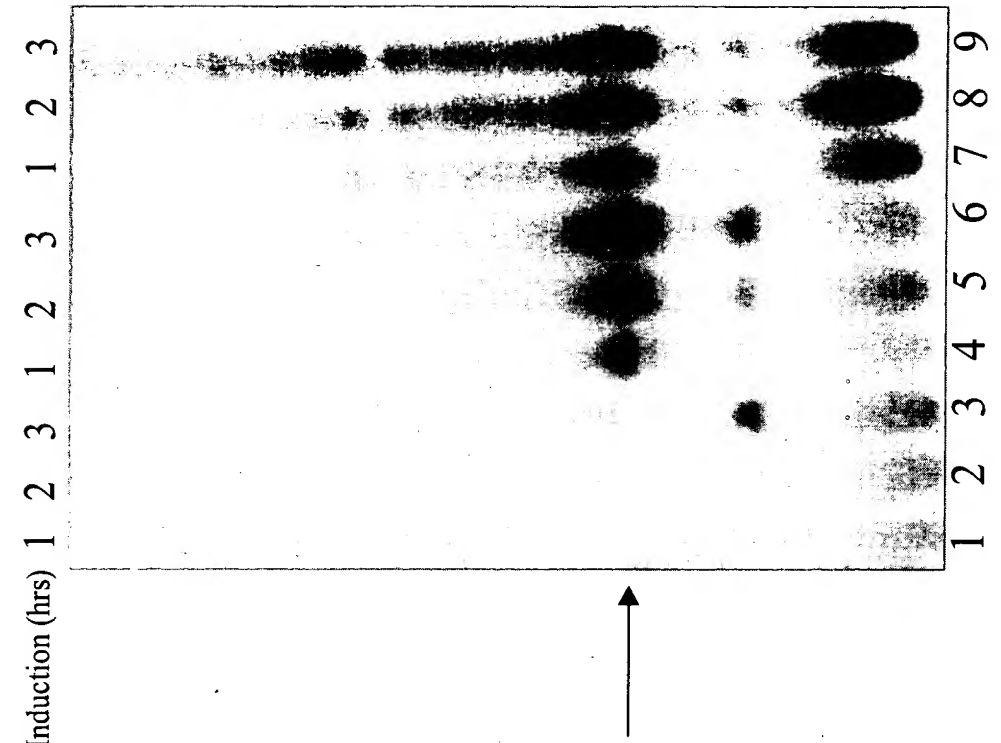

Time of IPTG Induction (hrs) 1 2 3 1 2 3 1 2 3 1 2 3
1 2 3 4 5 6 7 8 9

FIG. 8B

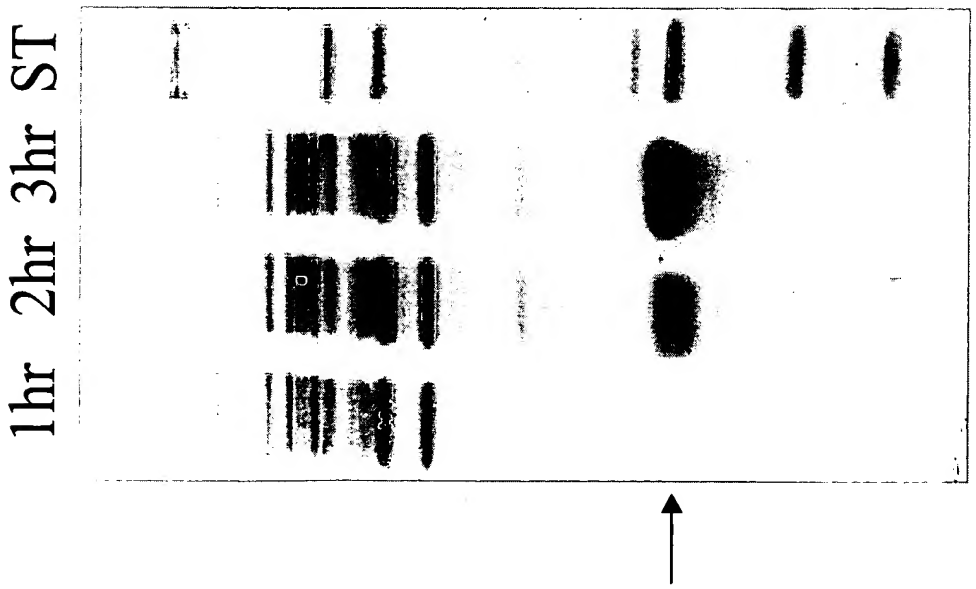
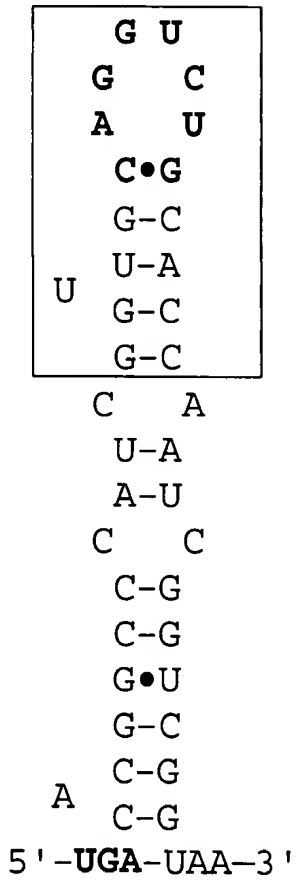

1hr 2hr 3hr ST

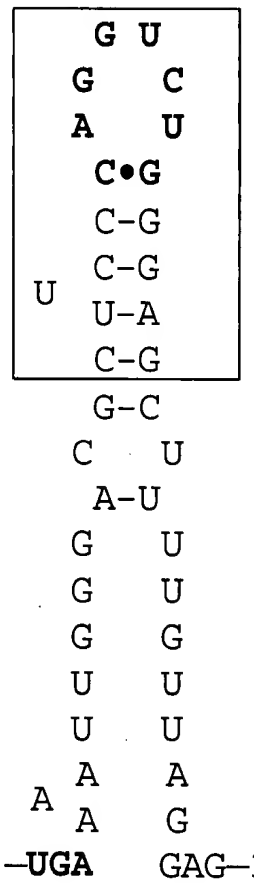
FIG. 8A

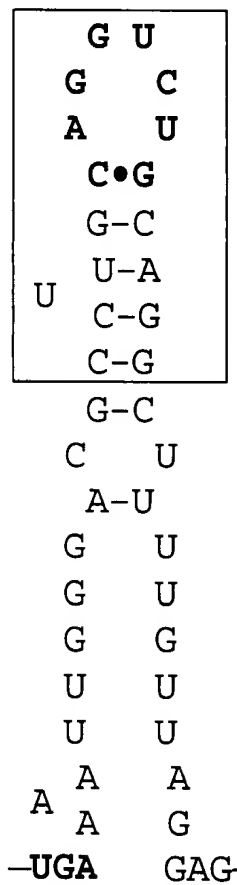
0082601 ST/97960

# FIG. 9A




# FIG. 9B




# FIG. 9C